

**Abstract**

A system, method and node for supporting multiple IP sessions with dynamically allocated home IP addresses in a CDMA2000 network. When the Home Agent (HA) receives a registration request from a Mobile Node (MN), it verifies if there are any mobility bindings for the MN. If yes, the HA verifies if  
5 the MN's care-of address equals one it already stores. If not, the HA verifies if the home IP address in the request is zero, and if no refreshes the mobility binding. However, if the IP address is zero, the HA verifies if the MN has reached its session number limit, and if so, the HA keeps only the first session and removes the others, but if no, the HA creates a new mobile IP session. The proper home IP  
10 address is the returned to the MN.